



SWING JOINT CONNECTION

Any sprinkler irrigation system that is designed to use both the secondary and culinary water requires a physical disconnect, swing joint connection. The swing joint connection makes it impossible for the culinary and secondary water to be used at the same time. A detailed drawing of the set up is available on the City's website.

REDUCED PRESSURE ZONE ASSEMBLY (RPZ)

Every sprinkler irrigation system that utilizes culinary (drinking) water is required to install a Reduced Pressure Zone Assembly (RPZ). RPZ's must be installed a minimum of 12"-36" above ground and require annual testing to ensure proper function. A list of certified backflow testers is available on the City's website or by contacting the Water Division.



For more information visit our website at <http://www.sjc.utah.gov/backflow.asp>

To schedule an inspection call (801)253-5230

RESIDENTIAL IRRIGATION SYSTEM SURVEY

The City's Water Department will perform assessments of every residential sprinkler irrigation system to determine compliance with Federal, State and local ordinances. The following results indicate your level of compliance and any corrective measures that require your immediate attention.

PASSED

- ☐ System meets all City requirements and is compliant with the Municipal Code and International Plumbing Code.
- ☐ Culinary water is completely disconnected.

FAILED

- ☐ Culinary & secondary water connections have been made. System requires the installation of a "Swing Joint" and Reduced Pressure Zone Assembly (RPZ).
- ☐ Culinary water is not in use. Stop-and-waste must be removed and the culinary line capped.
- ☐ A Reduced Pressure Zone Assembly (RPZ) needs to be installed after the culinary stop-and-waste.
- ☐ A "Swing Joint" needs to be installed to properly connect the Culinary and Secondary water to the sprinkler irrigation system.
- ☐ Existing backflow preventer needs to be replaced with a Reduced Pressure Zone Assembly (RPZ).
- ☐ _____

TESTING

- ☐ The backflow preventer requires an annual test by a State Certified Backflow Technician. Please make sure the results are sent to the City at the address or fax number below.

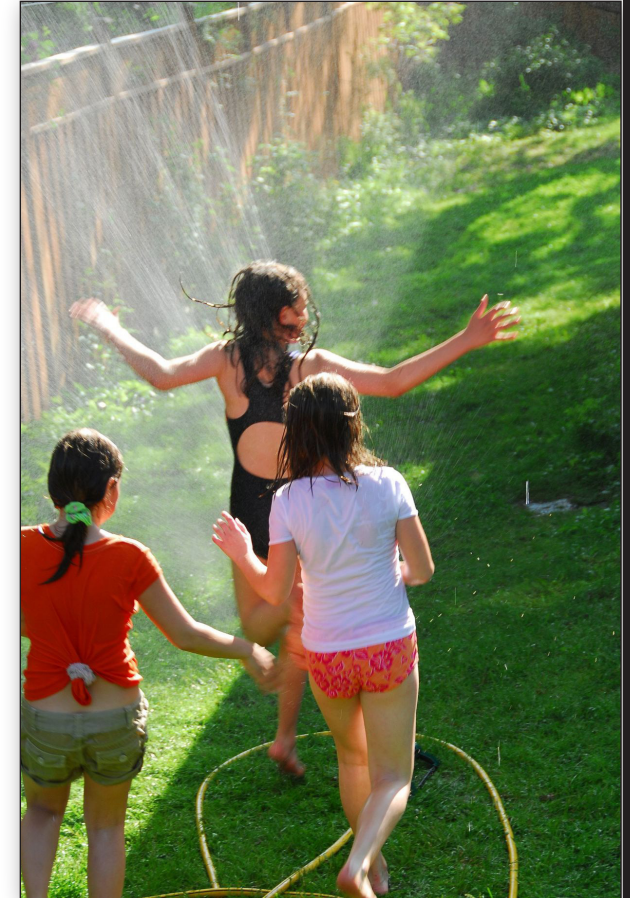
Inspected: _____ Inspector: _____

Repairs/Tests must be completed by: _____

South Jordan City Backflow Program
10996 S Redwood Road
South Jordan, UT 84095

(801) 253-5230 - Office (801) 253-0617 - Fax

BACKFLOW PREVENTION



*Safeguard
Your Water*



BACKFLOW PREVENTION PROGRAM

South Jordan City is dedicated to providing our residents and customers with safe, clean drinking water. Maintaining a Backflow Prevention Program is an essential key to accomplishing this goal.

The City and its residents share a joint responsibility to ensure all areas of the water distribution system are adequately protected. The City will provide a safe, adequate water supply to the residents who in turn will maintain their plumbing systems in compliance with State and local ordinances, requirements, codes and policies.

Backflow incidents can seriously affect the quality and safety of the drinking water. Backflow is the reverse flow of contaminated water or other substances from a user's water system back into the public drinking water system. This can occur if your plumbing system is physically connected (*also called a cross-connection*) to any source of contamination or pollution. Common examples of possible cross-connections include landscape sprinkling systems, hose attachments for utility sinks, and garden hoses. Backflow prevention assemblies provide the public water system with protection against contamination or pollution.

The City's Water Department is performing assessments of every residential sprinkler irrigation system to determine compliance with the above mentioned requirements. A report, located on the back of this pamphlet, will be left with the homeowner detailing the level of compliance and any corrective measures that need to be taken. These hazard assessment surveys will be conducted routinely every three years as part of the Backflow Prevention Program.

REQUIREMENTS BY SPRINKLER IRRIGATION SYSTEM TYPE

Review the following information to determine your system type and backflow prevention requirements.

SECONDARY (CANAL) WATER CONNECTION ONLY

DESCRIPTION: Connection exists between the secondary water system **only**. The culinary water is not used or connected to the sprinkler irrigation system.

BACKFLOW PREVENTION REQUIREMENTS: No backflow preventer is required after an inspection, verifying the removal of the culinary stop-and-waste, is conducted by the City. In addition, vacuum breaker devices must be installed on all hose outlets.

CULINARY (DRINKING) WATER CONNECTION ONLY

DESCRIPTION: Connection exists between the culinary water system **only**. Secondary water is not used or connected to the sprinkler irrigation system.

BACKFLOW PREVENTION REQUIREMENTS: A Reduced Pressure Zone Assembly (RP, RPZ) must be installed after the culinary stop-and-waste. In addition, vacuum breaker devices must be installed on all hose outlets.

CULINARY OR SECONDARY WATER CONNECTION

DESCRIPTION: Connections exist between the culinary and secondary water systems. The system is set up to receive water from both sources depending on secondary water availability and can at no time be connected to both.

BACKFLOW PREVENTION REQUIREMENTS: A Reduced Pressure Zone Assembly (RP, RPZ) and swing joint connection are required. *No exceptions!* In addition, vacuum breaker devices must be installed on all hose outlets.

